

Time Samples

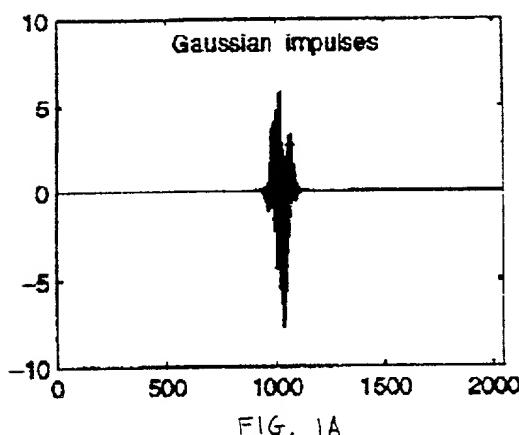


FIG. 1A

Magnitude of FFT

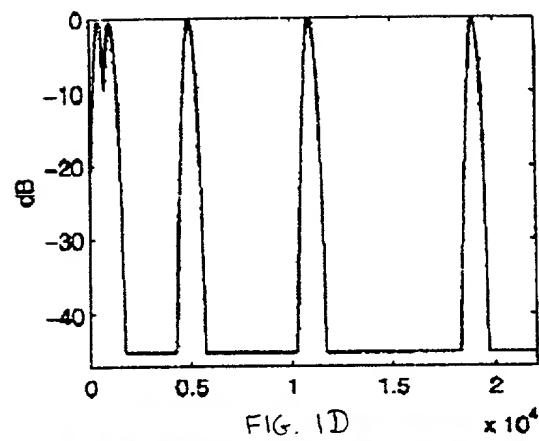


FIG. 1D $\times 10^4$

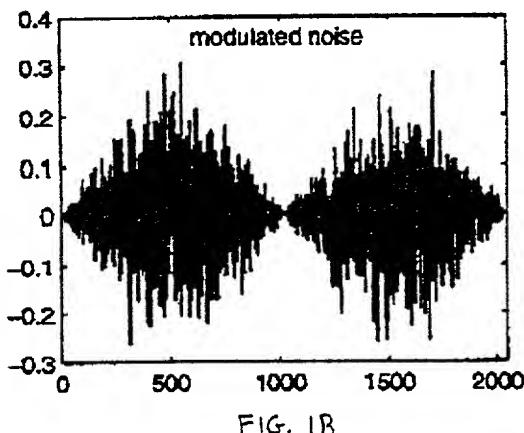


FIG. 1B

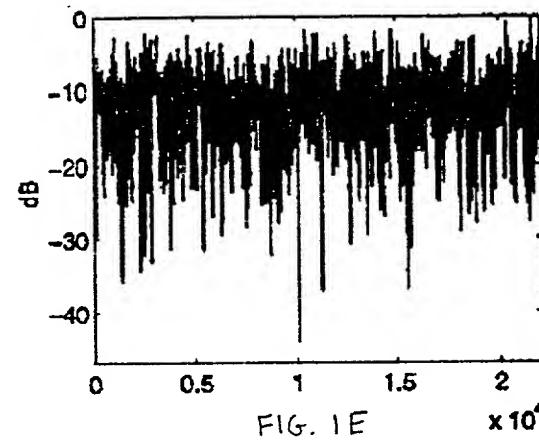


FIG. 1E $\times 10^4$

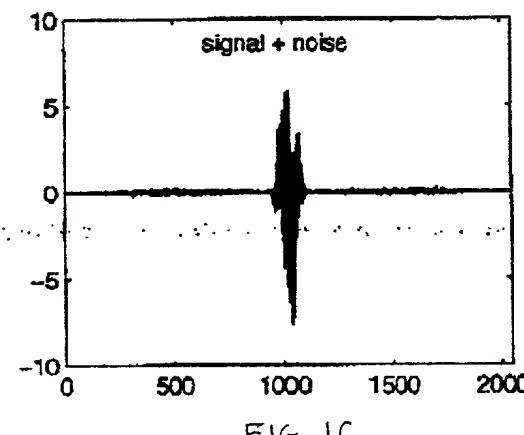


FIG. 1C

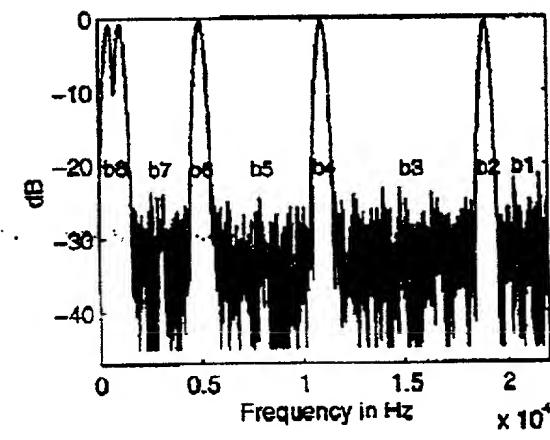


FIG. 1F

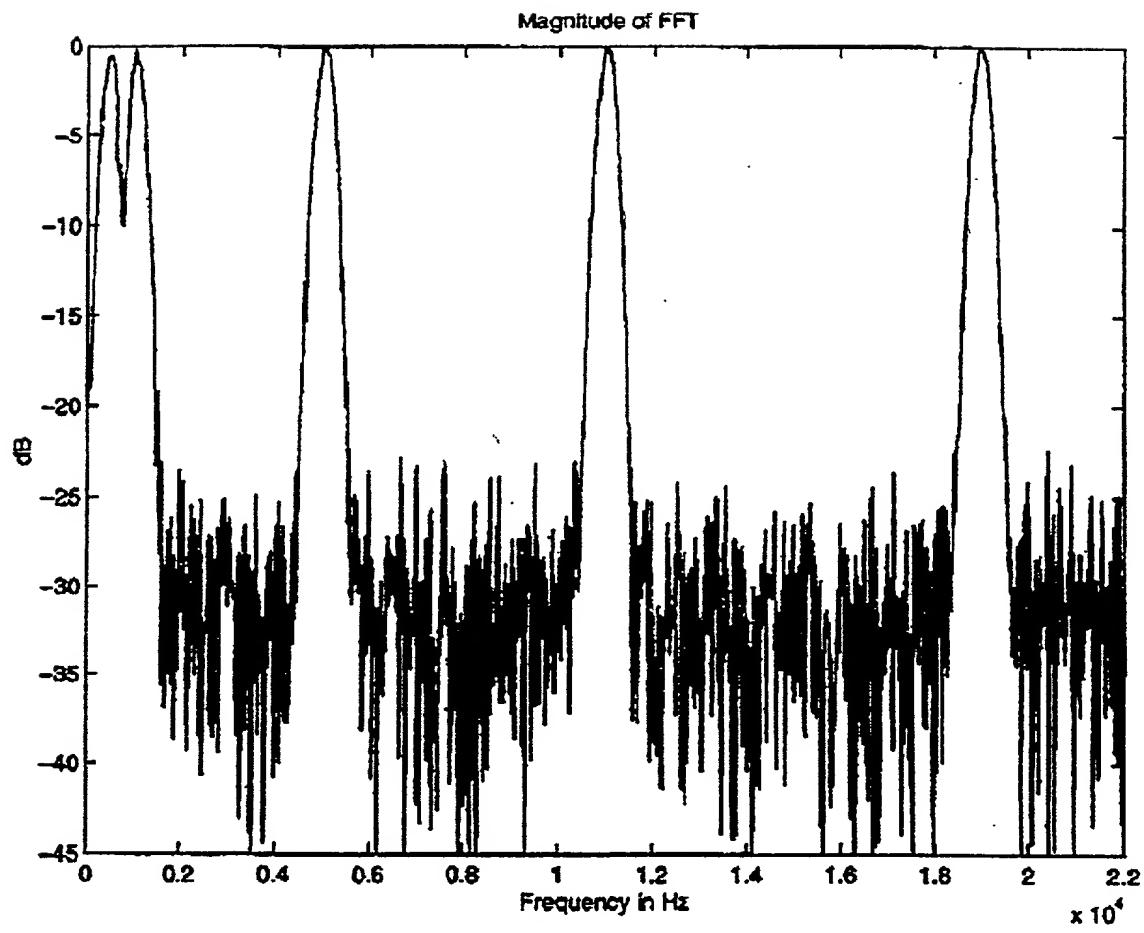


FIG. 2

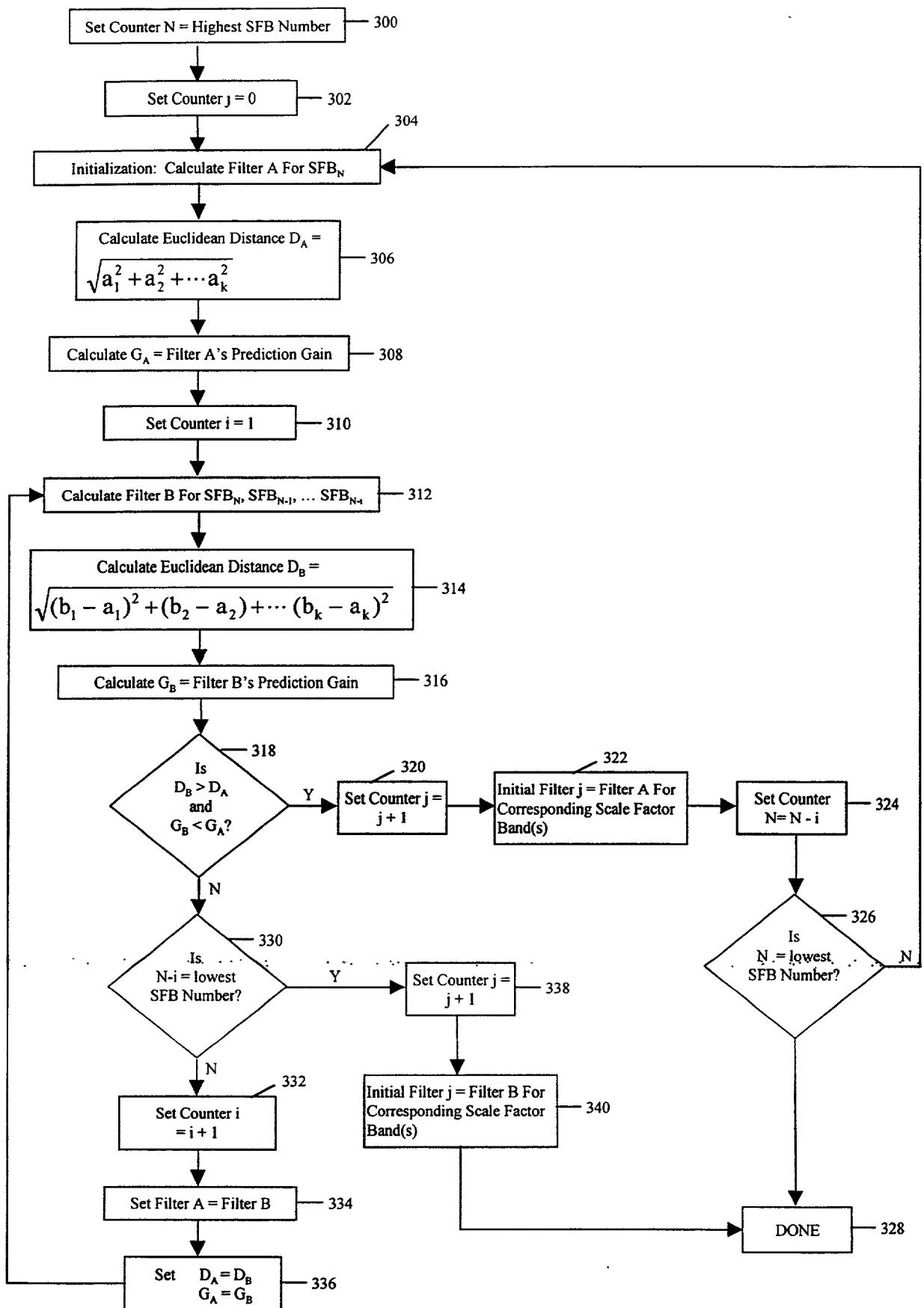


FIG. 3

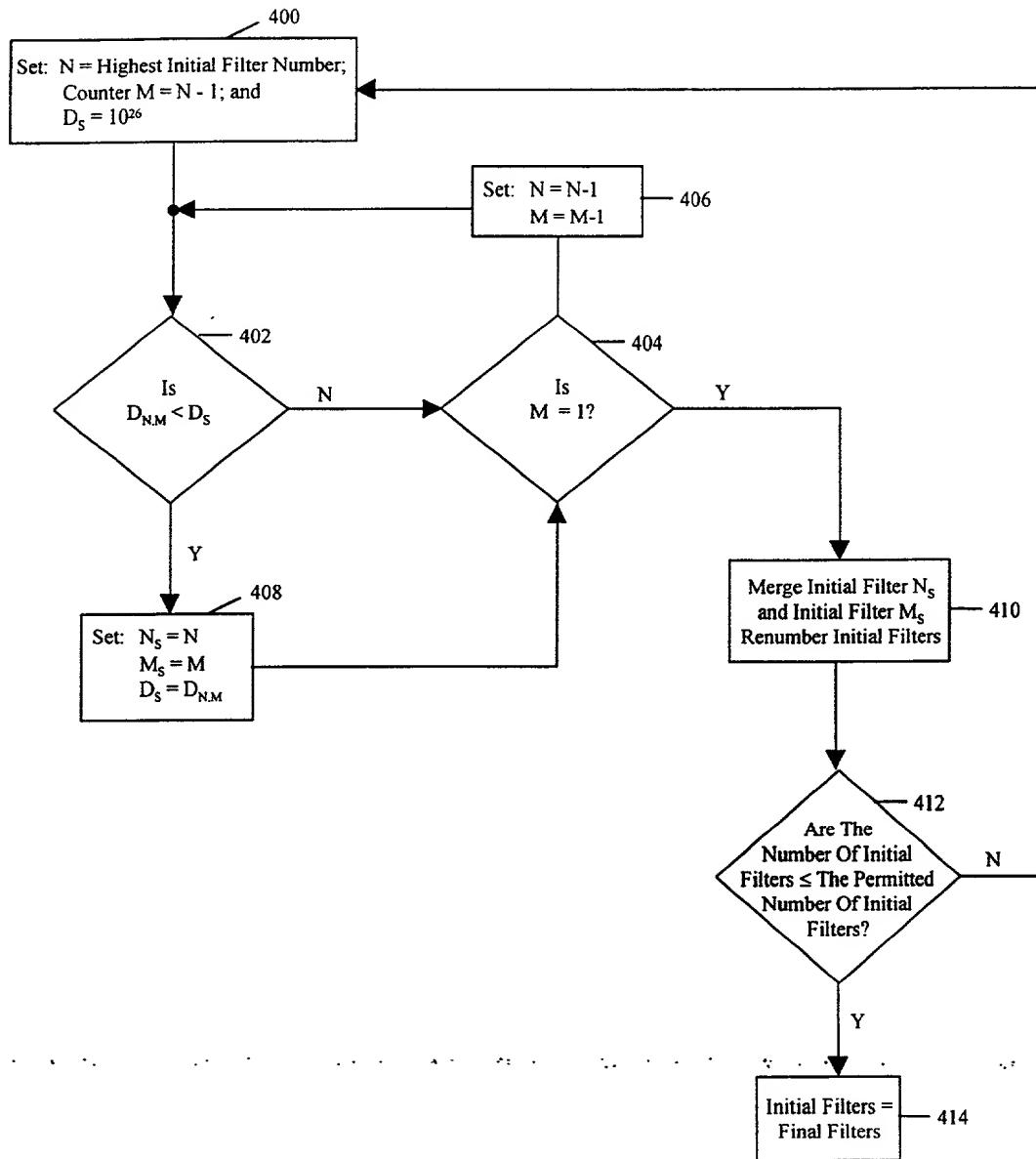


FIG. 4A

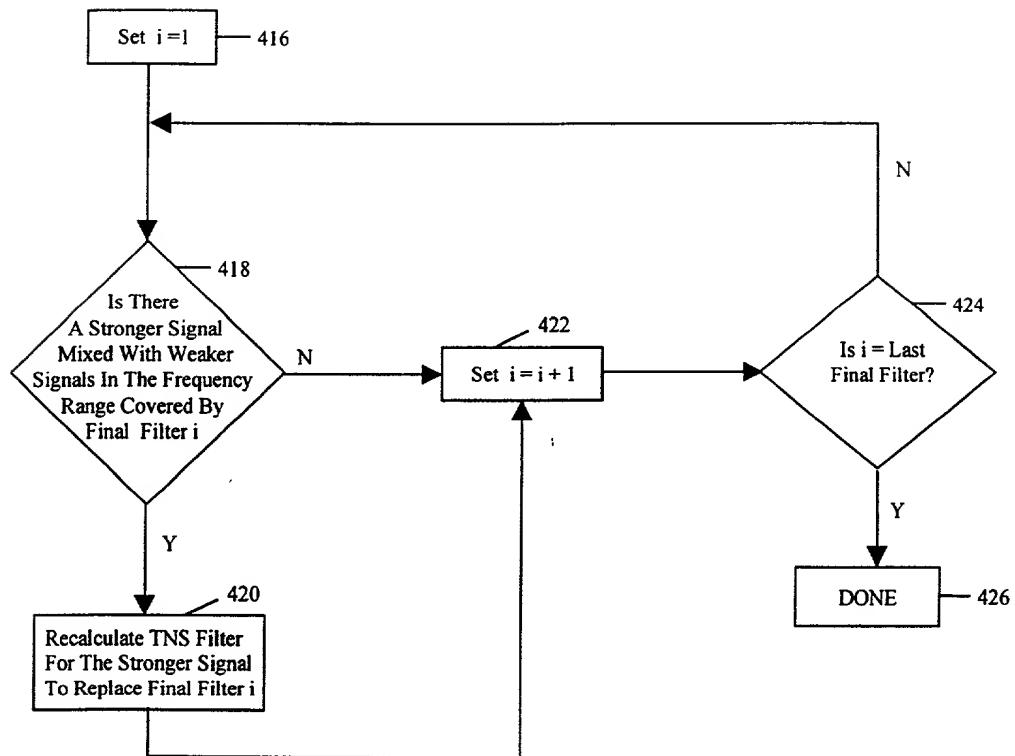


FIG. 4B

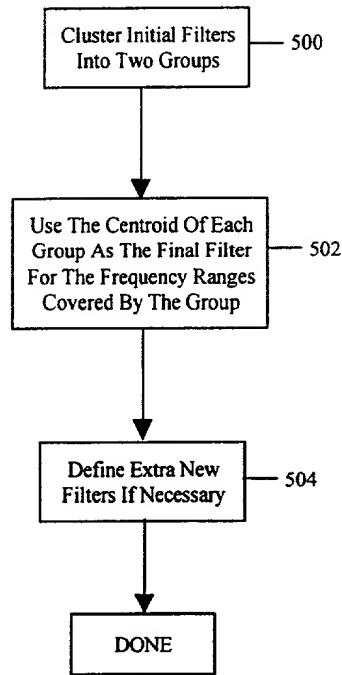
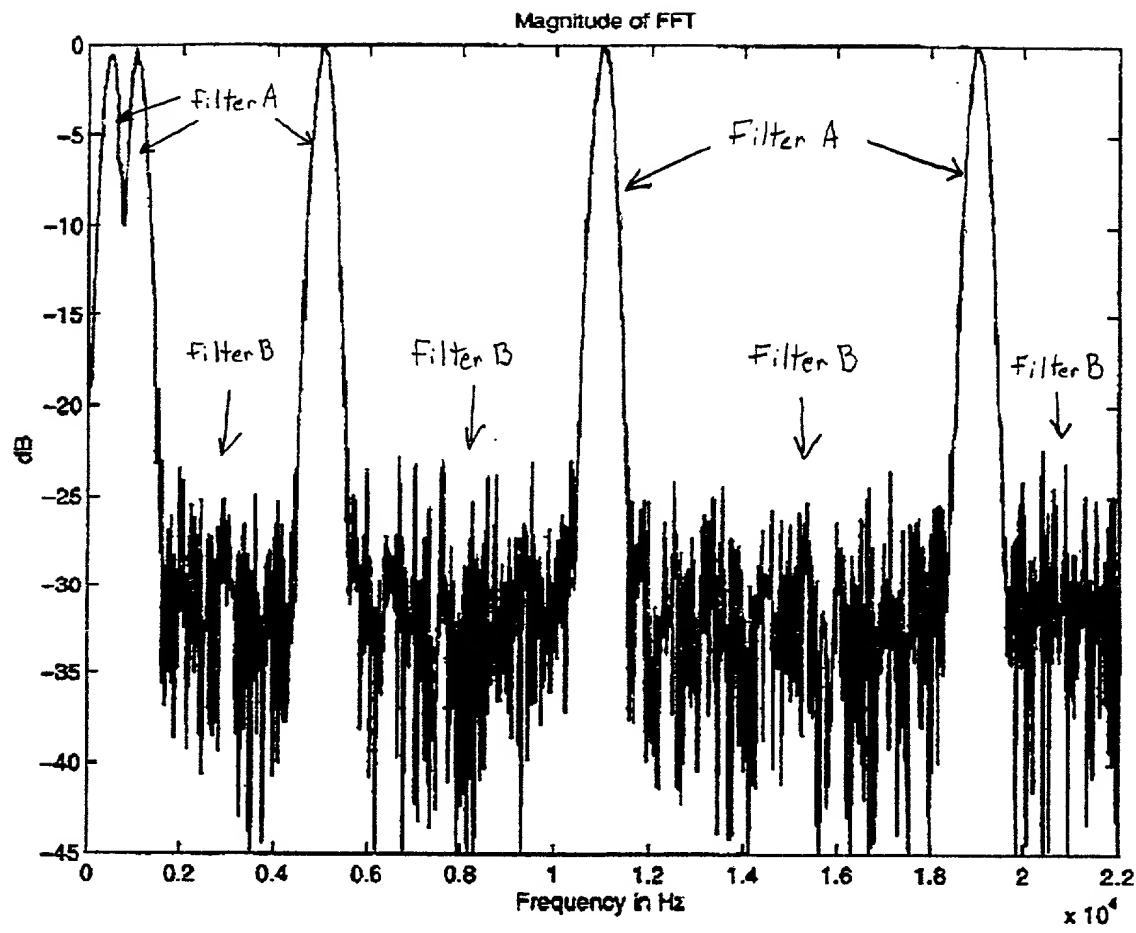


FIG. 5



1	2	3	4	5	6	7	8	9	10	11	40	41	42	43	44	45	46	47	48	49	50
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b_8	b_7	b_6	b_5	b_4	b_3	b_2	b_1
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FIG. 6

```
<NumberOfFilters> <LowSFBof1stFilter> <1stFilterOrder> <1stFilterCoeff>
  <LowSFBof2ndFilter> <2ndFilterOrder> <2ndFilterCoeff>
  <LowSFBof3rdFilter> <3rdFilterOrder> <3rdFilterCoeff>
```

FIG. 7

```
<8> <LowSFB_b1> <Order_FilterB> <Coeff_FilterB>
  <LowSFB_b2> <Order_FilterA> <Coeff_FilterA>
  <LowSFB_b3> <-1>
  <LowSFB_b4> <-2>
  <LowSFB_b5> <-1>
  <LowSFB_b6> <-2>
  <LowSFB_b7> <-1>
  <LowSFB_b8> <-2>
```

FIG. 8

```
<8> <LowSFB_b1> <Order_FilterB> <Coeff_FilterB>
  <LowSFB_b2> <Order_FilterA> <Coeff_FilterA>
  <LowSFB_b3> <-1>
  <LowSFB_b4> <Order_FilterC> <Coeff_FilterC>
  <LowSFB_b5> <-1>
  <LowSFB_b6> <-2>
  <LowSFB_b7> <-1>
  <LowSFB_b8> <-2>
```

FIG. 9

<is.TNS> <Filter A> <Filter B> <mask>

FIG. 10

<is.TNS> = 1
<Filter A> = <1> <SFB₁> <12> <Coeff>
<Filter B> = <1> <SFB₄> <10> <Coeff>
<Mask> = <47 bits>

FIG. 11

<is.TNS> = 1
<Filter A> = <3> <SFB₄₄> <12> <Coeff>
 <SFB₃₀> <12> <Coeff>
 <SFB₁> <-1>
<Filter B> = <1> <SFB₄> <10> <Coeff>
<Mask> = <47 bits>

FIG. 12